

The Newcastle upon Tyne Hospitals

NHS Foundation Trust

Blood Transfusion

Page 1 of 2

BS-Forms-BT-19

Revision 5

SUSPECTED TRANSFUSION REACTION INVESTIGATION

In the event of suspected Moderate/Severe transfusion reaction:

1. Inform the transfusion laboratory immediately.

FH 37849, RVI 24335.

- 2. Complete the information below and send this form to the laboratory along with;
 - (i) 2 x 4 ml EDTA (Pink top) specimens requesting Transfusion Reaction Investigation.
 - (ii) The remains of ALL available transfused units for the patient.
 - (iii) The current/most recent unit transfused to the patient with the giving set attached.
 - (iv) Any further units which have not yet been transfused for the patient.
- 3. Additional samples for investigation as appropriate (see table overleaf for guidance).

To be completed by Medical Staff – ALL fields MUST be completed

Surname:	Hospital Number:		
Forename:	Sex:	DOB:	
Consultant:	Ward/Hospital:		
Requesting MO (Print):	Date/Time Taken:		
TRANSFUSION DETAILS			
Transfusion started atam/pm	on		
Transfusion stopped at am/pm	on		
How long was blood out of the fridge before start of transfusion?			
Approximate volume transfused from last bag?(mL)			
Last blood bag number	Expiry date		
CLINICAL OBSERVATIONS			
At the start of transfusion: Temperature	BP	Pulse	
At the time of suspected reaction: Temperature	BP	Pulse	
SYMPTOMS EXHIBITED (tick as appropriate):			
Facial oedema Urticaria/Itching Rigors	Pain in v	vein Dyspnoea	
Cough Vomiting Basal Creps	Nausea	Raised JVP	
Lumbar pain Shock Chest Pain	Cyanosi	s Pain in limbs	
ADDITIONAL CLINICAL DETAILS (Including any Treatment given):			
Date: Signature of Doctor:		Contact No:	

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Symptoms	Investigations	
Fever (>1.5°C rise or >39°C)	 Standard investigations (FBC, U&Es, LFTs, and dipstick/microscopic urinalysis) 	
and/or chills, rigors, myalgia,	 Samples for repeat group and antibody screen, DAT, lactate dehydrogenase and haptoglobins 	
nausea or vomiting and/or loin	•Blood cultures from patient	
pain	•Coagulation screen	
	 Return unit (with administration set) to transfusion laboratory 	
Mucosal swelling	 Standard investigations (FBC, U&Es, LFTs and dipstick/microscopic urinalysis) 	
(angioedema)	•Consider immunological investigations (ie IgA studies)	
Dyspnoea, wheeze or features	 Standard investigations (FBC, U&Es, LFTs and dipstick/microscopic urinalysis) 	
of anaphylaxis	•Check O ₂ saturation or blood gases	
	•Chest X-ray	
	•If severe or moderate allergic reaction suspected, consider immunological investigations (ie mast cell tryptase)	
	 If severe allergic/anaphylactic reaction, manage as per anaphylaxis 	
Hypotension (isolated fall in	 Standard investigations – (FBC, U&Es, LFTs and dipstick/microscopic urinalysis) 	
systolic blood pressure of >30	•If severe or moderate allergic reaction suspected, consider immunological investigations (ie mast cell tryptase)	
mmHg resulting in a level <80	 If severe allergic/anaphylactic reaction, manage as per anaphylaxis 	
mmHg)		
Transfusion Laboratory •FH 37849 • RVI 24335		
Transfusion Practitioners • 48852 or • 48853		

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